

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

05/21/2004

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL	47.89	36.94	32.06	31.33	31.54	41.40	49.44	63.47	68.98	70.63	71.25	72.89	72.60	74.04	72.51	72.37	72.15	68.85	66.78	66.27	65.94	62.99	58.52	53.40
61757	2.32	1.87	1.50	1.45	1.52	2.12	2.69	2.53	2.90	3.36	3.44	3.69	3.40	4.21	3.31	3.17	3.18	2.77	2.65	2.68	2.73	2.83	2.39	2.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	44.05	33.74	29.58	28.95	29.08	37.95	45.23	59.76	64.93	65.98	66.47	67.62	67.82	68.79	67.51	67.39	67.11	64.32	62.34	61.81	61.84	58.92	54.73	48.79
61754	-1.52	-1.33	-0.98	-0.93	-0.94	-1.33	-1.52	-1.18	-1.15	-1.29	-1.34	-1.58	-1.38	-1.04	-1.69	-1.81	-1.86	-1.76	-1.79	-1.78	-1.37	-1.24	-1.40	-1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	48.53	37.38	32.49	31.73	31.85	41.75	50.02	64.60	69.78	71.44	72.15	73.97	73.84	75.42	74.53	74.60	74.35	71.04	68.75	67.98	66.94	63.95	59.67	54.31
61760	2.96	2.31	1.93	1.85	1.83	2.47	3.27	3.66	3.70	4.17	4.34	4.77	4.64	5.59	5.33	5.40	5.38	4.96	4.62	4.39	3.73	3.79	3.54	3.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	43.52	33.16	29.39	28.85	28.96	37.39	44.16	59.36	64.73	65.69	66.04	66.54	67.06	68.24	65.49	65.37	64.96	62.56	60.70	60.16	61.24	58.53	53.88	47.84
61753	-2.05	-1.91	-1.17	-1.03	-1.06	-1.89	-2.59	-1.58	-1.35	-1.58	-1.77	-2.66	-2.14	-1.59	-3.71	-3.83	-4.01	-3.52	-3.43	-3.43	-1.97	-1.63	-2.25	-2.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	45.34	34.89	30.41	29.73	29.87	37.86	49.94	60.64	65.75	66.93	67.47	68.85	68.85	68.85	68.85	68.85	68.63	65.82	63.94	63.46	63.08	59.86	55.85	50.36
61844	-0.23	-0.18	-0.15	-0.15	-0.15	-0.24	-0.28	-0.30	-0.33	-0.34	-0.34	-0.35	-0.35	-0.98	-0.35	-0.35	-0.34	-0.26	-0.19	-0.13	-0.13	-0.30	-0.28	-0.30
	0.00	0.00	0.00	0.00	0.00	1.18	-3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	47.77	36.89	32.06	31.31	31.43	41.20	49.36	63.48	68.68	70.20	71.05	72.89	72.80	74.29	73.73	73.71	73.43	70.16	67.90	67.10	65.91	62.92	58.65	53.53
61758	2.20	1.82	1.50	1.43	1.41	1.92	2.61	2.54	2.60	2.93	3.24	3.69	3.60	4.46	4.53	4.51	4.46	4.08	3.77	3.51	2.70	2.76	2.52	2.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	63.23	60.06	58.88	58.73	58.87	57.71	59.81	73.10	79.19	84.65	110.85	111.71	112.72	119.32	119.38	119.38	119.36	111.77	109.02	109.08	110.87	109.11	79.05	61.74
61762	4.05	3.17	2.70	2.57	2.56	3.31	4.15	4.97	5.28	5.65	5.61	5.95	5.48	6.55	6.35	6.37	6.54	6.10	5.83	5.59	4.97	4.97	4.72	4.84
	-13.61	-21.82	-25.62	-26.28	-26.29	-15.12	-8.91	-7.19	-7.83	-11.73	-37.43	-36.56	-38.04	-42.94	-43.83	-43.81	-43.85	-39.59	-39.06	-39.90	-42.69	-43.98	-18.20	-6.24
MHK VL	45.61	34.99	30.51	29.83	29.98	39.32	47.03	61.39	66.65	67.86	68.61	70.00	70.01	70.74	69.72	69.49	69.27	66.36	64.37	63.99	63.93	60.53	56.40	50.79
61756	0.04	-0.08	-0.05	-0.05	-0.04	0.04	0.28	0.45	0.57	0.59	0.80	0.80	0.81	0.91	0.52	0.29	0.30	0.28	0.24	0.40	0.72	0.37	0.27	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	47.85	36.89	32.04	31.30	31.41	41.17	49.34	63.59	68.75	70.33	71.10	72.90	72.72	74.26	73.45	73.52	73.28	69.94	67.75	66.93	65.93	63.01	58.79	53.57
61759	2.28	1.82	1.48	1.42	1.39	1.89	2.59	2.65	2.67	3.06	3.29	3.70	3.52	4.43	4.25	4.32	4.31	3.86	3.62	3.34	2.72	2.85	2.66	2.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	49.07	37.82	32.86	32.10	32.22	42.22	50.62	79.30	83.01	101.25	99.76	101.28	101.47	102.28	101.81	101.80	103.81	100.22	94.26	87.23	97.00	95.51	75.45	79.80
61761	3.50	2.75	2.30	2.22	2.20	2.94	3.87	4.37	4.29	4.70	4.95	5.39	5.26	6.13	5.96	5.99	6.00	5.54	5.16	4.97	4.28	4.46	4.25	4.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.99	-12.64	-29.28	-27.00	-26.69	-27.01	-26.32	-26.65	-26.61	-28.84	-28.60	-24.97	-18.67	-29.51	-30.89	-15.07	-24.94
NORTH	44.64	34.37	29.89	29.23	29.38	38.44	45.79	59.62	64.62	65.81	66.38	67.77	67.74	67.54	67.69	67.71	67.53	64.82	63.05	62.69	62.34	58.88	55.02	49.50
61755	-0.93	-0.70	-0.67	-0.65	-0.64	-0.84	-0.96	-1.32	-1.46	-1.46	-1.43	-1.43	-1.46	-2.29	-1.51	-1.49	-1.44	-1.26	-1.08	-0.90	-0.87	-1.28	-1.11	-1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	47.89	36.89	32.06	31.31	31.46	40.10	52.79	63.56	68.79	70.36	71.00	72.66	72.45	73.88	72.73	72.80	72.56	69.38	67.27	66.58	65.93	62.93	58.66	53.40
61845	2.32	1.82	1.50	1.43	1.44	2.00	2.57	2.62	2.71	3.09	3.19	3.46	3.25	4.05	3.53	3.60	3.59	3.30	3.14	2.99	2.72	2.77	2.53	2.74
	0.00	0.00	0.00	0.00	0.00	1.18	-3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

O H 61846	40.69 -4.88 0.00	30.83 -4.24 0.00	27.41 -3.15 0.00	26.86 -3.02 0.00	26.99 -3.03 0.00	33.54 -4.56 1.18	43.44 -6.78 -3.47	55.09 -3.85 0.00	60.00 -6.08 0.00	60.88 -6.39 0.00	61.03 -6.78 0.00	60.76 -8.44 0.00	61.66 -7.54 0.00	62.92 -6.91 0.00	60.69 -8.51 0.00	60.83 -8.37 0.00	60.35 -8.62 0.00	58.55 -7.53 0.00	56.88 -7.25 0.00	56.53 -7.06 0.00	57.14 -6.07 0.00	54.81 -5.35 0.00	50.07 -6.06 0.00	44.02 -6.64 0.00
PJM 61847	42.15 -3.42 0.00	31.84 -3.23 0.00	28.57 -1.99 0.00	28.00 -1.88 0.00	28.19 -1.83 0.00	35.00 -3.10 1.18	46.99 -3.23 -3.47	59.84 -1.10 0.00	65.22 -0.86 0.00	66.40 -0.87 0.00	66.66 -1.15 0.00	67.40 -1.80 0.00	68.51 -0.69 0.00	70.53 0.70 0.00	68.99 -0.21 0.00	68.51 -0.69 0.00	68.07 -0.90 0.00	65.35 -0.73 0.00	62.59 -1.54 0.00	62.00 -1.59 0.00	62.33 -0.88 0.00	59.62 -0.54 0.00	53.66 -2.47 0.00	46.71 -3.95 0.00
WEST 61752	41.01 -4.56 0.00	31.07 -4.00 0.00	27.71 -2.85 0.00	27.16 -2.72 0.00	27.32 -2.70 0.00	35.06 -4.22 0.00	40.65 -6.10 0.00	56.36 -4.58 0.00	61.45 -4.63 0.00	62.50 -4.77 0.00	62.56 -5.25 0.00	62.42 -6.78 0.00	63.48 -5.72 0.00	64.91 -4.92 0.00	62.72 -6.48 0.00	62.71 -6.49 0.00	62.23 -6.74 0.00	60.32 -5.76 0.00	58.34 -5.79 0.00	58.02 -5.57 0.00	58.60 -4.61 0.00	56.12 -4.04 0.00	51.06 -5.07 0.00	44.62 -6.04 0.00